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OF THE
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1859 Arnoux, Hon. William H.	1883 Atterbury, J. T. (L. F.)
1859 Arnold, David H. (L. F.)	1883 Adams, Coe.
1860 Acton, Thomas C.	1883 Aikman, Walter M.
1869 Auchmuty, Richard Tylden.	1883 Adams, William.
1871 Atterbury, Rev. Wm. W., D.D.	1884 Abbott, Frank, M.D.
1872 Allen, Horatio M.	1884 Adler, I., M.D.
1873 Albert, Halpern.	1885 Agnew, Andrew G.
1874 Alexander, Junius B.	1885 Adams, C. H.
1874 Aufermann, August.	1885 Auchincloss, E. S.
1874 Acker, David D.	1886 Appleton, Wm. H.
1874 Avery, Samuel P. (L. F.)	1886 Agassiz, Prof. Alex.
1874 Agnew, John T. (L. F.)	1886 Allen, Chas. Slover, M.D.
1874 Arnold, Richard.	1886 Allien, Henry V.
1874 Allen, Henry Wilder.	1886 Alden, R. Percy.
1874 Amy, Henry. (L. F.)	1886 Affleck, J. A.
1874 Agnew, Alexander McL.	1886 Avery, Rush E.
1874 Astor, Hon. W. W. (L. F.)	
1874 Appleton, D. S.	1852 Bancroft, Hon. George. (L. F.)
1875 Amsinck, Gustav.	1852 Barney, Hiram. (L. F.)
1876 Appleton, Nathan.	1853 Brown, James M.
1879 Austin, William.	1856 Baker, Francis. (L. F.)
1879 Agostini, Joseph.	1856 Brevoort, J. Carson.
1879 Agnew, Cornelius R., M.D.	1859 Brown, James. (L. F.)
1879 Ashley, L. Seymour.	1859 Boorman, J. Marcus. (L. F.)
1879 Astor, John Jacob. (L. F.)	1859 Bernheimer, Isaac.
1881 Allen, Eben S.	1859 Belmont, August. (L. F.)
1881 Armour, Herman O. (L. F.)	1859 Barlow, S. L. M.
1883 Ames, Adelbert.	1865 Banvard, John. (L. F.)
1883 Aub, Albert.	1868 Banks, David.

1868 Beckwith, N. M.
 1868 Bennett, James Gordon.
 1868 Bernheimer, Adolph.
 1868 Bernheimer, Simon.
 1868 Brady, Hon. John R.
 1869 Bailey, Jas. Mühlenberg. (L. F.)
 1869 Banyer, Goldsboro.
 1869 Bickmore, Prof. A. S.
 1869 Bierstadt, Albert.
 1870 Butler, Cyrus.
 1870 Bishop, T. Alston. (L. F.)
 1872 Brown, Walston H.
 1873 Bailey, N. P.
 1874 Bishop, D. W. (L. F.)
 1874 Bien, Julius.
 1874 Bartlett, Willard.
 1874 Bissinger, Philip.
 1874 Backus, Henry C. (L. F.)
 1874 Baldwin, Townsend B.
 1874 Barnes, John S.
 1874 Bonner, Robert.
 1874 Bonn, William B.
 1874 Barnard, Horace.
 1874 Benjamin, John.
 1874 Butler, William Allen.
 1874 Bartow, Morey H.
 1874 Barr, William.
 1874 Belding, Milo M.
 1874 Bookstaver, Hon. Henry W.
 1874 Brownson, Lieut. W. H., U.S.N. (L. F.)
 1875 Barney, Charles T.
 1875 Beaman, Charles C., Jr.
 1875 Bernheimer, J. A.
 1875 Beckwith, Leonard F.
 1875 Beekman, Gerard.
 1875 Brownell, Silas B.
 1875 Brown, Vernon H.
 1875 Barnes, William.
 1875 Beste, Henry.
 1875 Bredt, Ernest.
 1875 Belknap, Capt. Geo. E., U.S.N.
 1875 Bowie, Augustus J., Jr.
 1876 Baldwin, Rear-Admiral Charles H., U.S.N.
 1876 Brower, John.
 1876 Billings, Frederick.
 1877 Booth, George.
 1877 Bixby, Robert F. (L. F.)
 1877 Börs, Christian.
 1877 Blanchard, George R.
 1877 Blatchford, Eliphalet W.
 1878 Bliss, Cornelius N. (L. F.)
 1878 Barton, Oliver Grant. (L. F.)
 1878 Brown, Rev. Philip A. H.
 1878 Brand, James.
 1878 Brown, J. Romaine.
 1879 Barattoni, C. A.
 1880 Bayard, Edward, M.D.
 1880 Beach, Hon. Miles.
 1880 Banks, D. S. (L. F.)
 1881 Baldwin, Edwin.
 1881 Baldwin, Christopher C.
 1881 Babcock, Samuel D.
 1881 Backus, Henry Landon.
 1882 Bamberger, Jacob F.
 1882 Belton, Frank S.
 1882 Brouwer, George H.
 1882 Baldwin, Octavius D.
 1882 Ballin, Gustave N.
 1882 Bacon, Francis M.
 1882 Babcock, George H.
 1882 Barger, Samuel F. (L. F.)
 1882 Barney, Newcomb C.
 1882 Bowen, Francis C.
 1882 Barclay, J. Searle.
 1883 Brewster, Benj. (L. F.)
 1883 Barber, Herbert.
 1883 Bachem, C. H.
 1883 Baker, Cyrus O.
 1883 Beekman, Wm. B.
 1883 Berry, Oliver F.
 1883 Bowne, Walter. (L. F.)
 1883 Banta, Theodore M.
 1883 Bangs, Charles W.
 1883 Barr, Edward.
 1883 Bergen, Tunis G.
 1883 Battell, Robbins.
 1883 Bennett, Ludovic.
 1883 Benedict, Robert D.

1883 Blake, Frederick D.
1883 Bell, Capt. W. R.
1883 Blackford, Eugene G.
1883 Benson, Frank Sherman.
1884 Bentley, Henry. (L. F.)
1884 Baxter, Archibald.
1884 Boynton, Nathaniel A.
1884 Burrall, F. A., M.D.
1884 Barton, Geo. De F.
1884 Bangs, Fletcher H.
1884 Barnes, Theodore M.
1884 Beach, John H.
1884 Bonner, G. T.
1884 Bates, David H.
1884 Brookfield, William.
1884 Bassett, E. D.
1885 Brown, Horatio S.
1885 Bliss, George T.
1885 Burnet, Robt. W.
1886 Barker, P.C., M.D.
1886 Bishop, J. Remsen.
1886 Benjamin, Hon. S. G. W.
1886 Brown, Hon. Addison. (L. F.)
1886 Bridgman, E. C.
1886 Betts, C. Wyllis.
1886 Bowne, John.
1886 Bostwick, J. A. (L. F.)
1886 Blakeman, Birdseye.
1886 Bowers, John M.
1886 Bruno, Richard M.
1886 Bradford, E. S., M.D.
1886 Bettens, Ed. D.
1886 Backus, J. Bayard.
1886 Bouvier, M. C.
1886 Babcock, Henry M.
1886 Beddall, Ed. F.
1886 Berwind, Ed. J.
1886 Bliss, Alex.
1886 Bond, Frank S.
1886 Beattie, John.

1852 Colton, Joseph H. (L. F.)
1855 Conkling, Col. Frederick A. (L. F.)
1856 Cooper, Hon. Edward.

1856 Crooks, Ramsay. (L. F.)
1868 Catlin, N. W. Stuyvesant. (L. F.)
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1869 Cullum, Gen. George W., U.S. Army. (L. F.)
1870 Conklin, William A.
1872 Conklin, Eugene E. (L. F.)
1872 Crawford, Gen. S. W., U.S.A.
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1874 Connery, Hon. T. B.
1874 Campbell, Allan.
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1884 Ferrer, Fermin.
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 1856 Greenwood, Isaac J.
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 1874 Gunther, F. F.
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 1882 Gilbert, William E.
 1882 Gallup, Albert.
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 1882 Gade, Frederick W.
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 1883 Gottschalk, Felix.
 1883 Goodridge, John C., Jr. (L. F.)
 1885 Glazier, Simon W.
 1885 Gibson, George R.
 1885 Greenleaf, James L.
 1886 Gilder, R. W.
 1886 Gallatin, Frederick.
 1886 Gray, George.
 1886 Grummon, J. Ward.
 1886 Georger, Lewis F.
 1886 Gunther, W. H., Jr.
 1886 Gunther, Franklin L.
 1886 Gunther, Ernest R.
 1886 Griffin, Chas. H.
 1886 Godwin, Parke.
 1886 Goodwin, James J. (L. F.)
 1886 Grant, James.
 1886 Godkin, E. L.
 1856 Hewitt, Hon. Abram S.
 1856 Hunt, Wilson G.
 1859 Havemeyer, John C. (L. F.)
 1864 Hammond, Henry B. (L. F.)
 1868 Huntington, Daniel. (L. F.)
 1868 Hall, Elial F.
 1868 Hadden, John A. (L. F.)
 1868 Hallock, Mrs. Frances.
 1870 Hawkes, Prof. W. Wright.
 1870 Havens, Charles G.
 1870 Harrison, Prof. Thomas F.
 1871 Hamilton, Alexander.
 1871 Hand, Clifford A.
 1872 Hamersley, John W. (L. F.)
 1872 Hawkins, Dexter A.
 1872 Holbrook, Levi.
 1873 Havemeyer, Hon. Theo. A.
 1874 Hancock, Gen. Winfield S., U.S.A.
 1874 Hitchcock, Rev. Roswell D., D.D.
 1874 Havemeyer, Hector C.
 1874 Hoguet, Henry L.
 1874 Hoyt, Oliver.
 1874 Hurlbert, Henry A. (L. F.)
 1874 Haydock, George G.
 1874 Haines, John P.
 1874 Hinton, John H., M.D. (L. F.)
 1874 Holbrook, E. F.
 1874 Hoe, Richard M.
 1874 Hendricks, Edmund.

1874 Hendricks, Joshua.
1874 Hatch, Rufus.
1874 Huntington, C. P.
1874 Hunter, Capt. Edward, U.S.A.
1874 Hoyt, Harlow M.
1875 Houston, Col. D. C., U.S.A.
1875 Hoadley, John C.
1875 Howland, Meredith.
1875 Hyde, Henry B.
1875 Harper, P. J. A.
1875 Hazen, Gen. W. B., U.S.A.
1875 Harris, Siegmund.
1875 Hun, Leonard G.
1876 Holt, Henry.
1876 Holman, Frank E.
1876 Hoes, Wm. M.
1876 Hatfield, J. B. T.
1877 Houghton, Prof. Walter R.
1878 Howe, George S.
1878 Hermann, Henry.
1878 Hinman, Wm. K.
1878 Hitchcock, Hiram.
1879 Hamilton, William G.
1879 Harris, Col. Robert.
1880 Hall, Hayden H.
1880 Hickox, Charles R.
1881 Hinman, Russell.
1881 Hoffman, Charles B.
1881 Hamilton, Robert Ray.
1882 Hascall, Theodore F.
1882 Higginson, James J.
1882 Hawk, William S.
1883 Houston, Theodore.
1883 Hotchkiss, Horace L.
1883 Henry, Charles I.
1883 Hebert, Henry B.
1883 Howell, George R.
1883 Hyde, E. Francis.
1883 Hurry, Edmund Abdy. (L. F.)
1883 Hoyt, Alfred M. (L. F.)
1883 Hendricks, Arthur T.
1885 Hubbard, Walter.
1885 Hewson, J. H.
1885 Hodges, N. D. C.
1885 Henry, Edward L.
1886 Hoe, Robert.
1886 Huidekoper, Arthur C.
1886 Hoffman, Hon. Jno. T.
1886 Henderson, Harold G.
1886 Haldane, W. H.
1886 Homer, Chas. F.
1886 Hoyt, Colgate.
1886 Hoffman, Eugene A., D.D.
1886 Holt, Geo. C.
1886 Hawley, E. Judson.
1886 Hildreth, David M.
1886 Hinds, Joseph E.
1886 Hitchcock, Bradford W.
1886 Hillhouse, Thomas G.
1859 Ireland, John B.
1874 Iselin, Adrian, Jr.
1879 Inman, William H.
1881 Ives, Brayton. (L. F.)
1883 Ives, James M.
1885 Innes, William T.
1886 Irving, John Treat.
1852 Jay, Hon. John. (L. F.)
1852 Jones, John D. (L. F.)
1868 Johnson, Hezron A.
1871 Jones, Walter R. T.
1874 Judson, Wm. D.
1874 Janssen, Gerhard.
1874 Jesup, M. K. (L. F.)
1874 Jaffray, Edward S.
1874 Jenkins, Wm. L.
1874 James, D. Willis.
1874 Jameson, Joseph A.
1874 Jordan, Conrad N.
1874 Jaffray, Robert.
1878 Jones, George H.
1879 Jay, William.
1880 Jewett, George L.
1881 Jewett, Hugh J.
1881 Johnson, Bradish, Jr.
1882 Jasper, John.
1883 Judson, A. M.
1883 Jacobs, Abraham L.
1885 Juilliard, A. D.

1886 Jones, Walter Mott.
 1886 Janeway, Henry L.
 1886 Jacobi, A., M.D.
 1886 Jennings, O. B.
 1886 Jackson, Samuel M.
 1886 Janvrin, J. E., M.D.
 1854 Kennedy, Robert Lenox.
 1869 Kelly, Eugene.
 1870 Kühne, Frederick.
 1872 Kendrick, Col. H. L., U.S.A.
 1873 Kennan, George.
 1874 King, Edward.
 1874 Kearny, Joseph R.
 1874 Kunhardt, Henry R.
 1874 Kingsland, Wm. M. (L. F.)
 1874 Kalbfleisch, Charles H.
 1874 Keck, Thomas.
 1876 Knauth, Percival. (L. F.)
 1877 King, Clarence. (L. F.)
 1878 Kernochan, James Lorillard.
 (L. F.)
 1879 Kane, S. Nicholson.
 1880 Keene, James R. (L. F.)
 1881 Kennedy, John S. (L. F.)
 1881 Kane, Grenville. (L. F.)
 1881 Kirsch, Louis.
 1882 King, Le Roy.
 1882 King, George Gordon.
 1882 King, John S.
 1882 King, Vincent C. (L. F.)
 1883 Kneeland, Henry T.
 1883 Klutschak, Henry W.
 1883 Knapp, S. P.
 1883 Kohn, Julius A.
 1883 Kerr, Walter.
 1883 King, D. H., Jr.
 1884 Kountze, Augustus. (L. F.)
 1884 Kahn, Dr. Herman.
 1885 Keane, Joseph.
 1885 Knapp, Samuel T., Jr.
 1885 Keppler, Rudolph. (L. F.)
 1886 Kurtz, William.
 1886 Kendall, Ed. H.
 1886 Kidder, Camillus G. (L. F.)
 1886 Karner, W. J.
 1852 Livingston, Cambridge. (L. F.)
 1857 Low, A. A.
 1859 Lathers, Richard. (L. F.)
 1868 Lawrence, Abraham R.
 1869 Lawrence, John S. (L. F.)
 1870 Loew, Hon. Frederick W.
 1870 Lyman, Edward H. R.
 1871 Letson, Robert S.
 1871 Larremore, Hon. Richard L.
 1872 Libbey, William. (L. F.)
 1874 Lauterbach, Edward.
 1874 Livingston, Robert J. (L. F.)
 1874 Langdon, Walter. (L. F.)
 1874 Lorillard, Pierre.
 1874 Lorillard, George L.
 1874 Livingston, Robert E.
 1874 Littlejohn, James.
 1874 Lawton, Walter E.
 1874 Lawrence, Joseph B.
 1874 Le Comte, Joseph.
 1874 Lewis, Walter H.
 1874 Lawson, Leonidas M.
 1874 Lesher, Stephen R.
 1875 Low, Hon. Seth.
 1875 Lawrence, George N.
 1876 Low, A. Augustus.
 1877 Lockwood, Le Grand.
 1877 Latrobe, John H. B.
 1878 Loubat, J. F., LL.D. (L. F.)
 1878 Leon, Nestor Ponce de.
 1879 Levy, Augustus H.
 1880 Lang, Alexander.
 1880 Lee, William H.
 1881 Libbey, Prof. William, Jr. (L. F.)
 1881 Langdon, Woodbury G. (L. F.)
 1881 Little, Joseph J. (L. F.)
 1881 Livermore, Edwin R.
 1881 Lee, J. Bowers.
 1882 Lambert, Edward.
 1882 Langdon, Woodbury.
 1882 Lamont, Lansing.
 1882 Ladd, William F.
 1882 Le Roy, Herman R.

1882 Lapham, Lewis H.	1875 Monheimer, Joseph A.
1882 Lamborn, Robert H.	1875 Magoun, George C.
1883 Lourie, J.	1875 Maclay, Moses B.
1883 Lummis, William.	1875 Martin, Bradley. (L. F.)
1883 Lounsbury, R. P.	1875 Meyer, L. H.
1884 Ludlam, George P.	1875 McLanahan, Geo. William.
1885 Lawrence, Fredk. N.	1876 Mitchell, W. Howard.
1886 Leete, C. H.	1877 Matsell, George W.
1886 Ludington, C. H. (L. F.)	1878 Merrick, William H.
1886 Lee, Wm. H. L.	1878 Musgrave, Thomas B. (L. F.)
1852 Myers, Col. T. Bailey. (L. F.)	1878 Mason, Lieut. T. B. M., U.S.N. (L. F.)
1853 Moore, George H. (L. F.)	1879 Marshall, William I.
1856 Monroe, Ebenezer.	1879 Mather, Frederick E.
1859 MacMullen, Prof. John.	1879 Motz, Ferdinand.
1859 Morrell, Wm. H. (L. F.)	1879 Miller, John Bleeker.
1859 Moore, Frank. (L. F.)	1879 Monteith, James.
1863 May, Lewis.	1880 Mills, D. O. (L. F.)
1863 Moore, W. H. H. (L. F.)	1880 Massey, Wm. M.
1864 Morton, Hon. Levi P. (L. F.)	1882 Marquand, John P.
1868 Morrison, Henry.	1882 Marsh, Caleb P.
1868 Martin, Isaac P.	1882 Middleton, Austin D.
1868 Marquand, Henry G. (L. F.)	1882 McWilliam, John.
1868 Marsh, Hon. Luther R.	1882 Moore, W. T.
1869 Moore, Henderson.	1882 Mead, Erastus F.
1870 Marbury, Francis F.	1882 Markoe, F. H., M.D. (L. F.)
1870 Miles, Edward D.	1882 McElrath, Thomas.
1872 Meyer, F. William.	1883 Marvel, William D.
1872 Matthews, Edward. (L. F.)	1883 McKay, Donald. (L. F.)
1872 Marié, Peter. (L. F.)	1883 McCreery, James. (L. F.)
1873 Moore, C. B.	1883 Morgan, E. D.
1874 Morris, Henry L.	1883 Mali, Charles.
1874 Mailler, W. H.	1884 Moore, Joseph, Jr. (L. F.)
1874 Marble, Manton.	1884 Myers, Andrew G.
1874 Morrison, Edward.	1884 Macdona, H.
1874 Morgan, W. F.	1885 Mackenzie, D. E.
1874 Moir, James.	1885 Morison, George S.
1874 Morgan, J. Pierpont. (L. F.)	1886 Muñoz, J. M. (L. F.)
1874 Myers, John K.	1886 Murray, James B.
1874 McAlpine, David H.	1886 Moore, John G.
1874 Merrall, William J. (L. F.)	1886 Moses, Raphael J.
1874 Moulton, Clarence F.	1886 Manierre, Charles E.
1875 Mitchell, Edward.	1886 Miner, H. C.
1875 Macy, Arthur, C. E.	1886 Meyer, Christopher.
1875 Marcus, Arnold.	1886 Macklin, John J.

1886 Morgan, N. Denison.
 1873 Neilson, Frederic.
 1874 Newell, John. (L. F.)
 1874 Niles, William W.
 1875 Northrop, A. L.
 1880 Nelson, William.
 1882 Nesbit, John L.
 1882 Naylor, Joseph.
 1882 Nelson, Richard.
 1883 Noble, Charles C. (L. F.)
 1884 Neumoegen, B.
 1884 Newberry, Dr. John S.
 1885 Nelson, George Francis.
 1886 Neilson, James.
 1886 Notman, John.
 1886 Neftel, W. B., M.D. (L. F.)
 1874 Ottendorfer, Oswald. (L. F.)
 1874 Osgood, Franklin.
 1874 Olyphant, Robert M.
 1874 Owen, Frederick N.
 1875 Otterbourg, Marcus.
 1875 Ottiwell, John D.
 1875 O'Connor, Thomas H. (L. F.)
 1875 Opdyke, William S. (L. F.)
 1876 Olmstead, Dwight H.
 1877 O'Gorman, Hon. Richard.
 1879 O'Gorman, Richard, Jr.
 1879 O'Brien, Thomas S.
 1880 O'Shaughnessy, John W. (L. F.)
 1881 Oakley, Henry A.
 1882 Osborn, W. H. (L. F.)
 1882 Oppenheim, Ed. L.
 1882 Osgood, William H.
 1882 Otis, Col. Charles G.
 1883 O'Donohue, Jos. J.
 1884 Orton, Dr. Samuel H.
 1886 O'Brien, Morgan J.
 1852 Poor, Henry V. (L. F.)
 1852 Pierrepont, Henry E. (L. F.)
 1855 Pierrepont, Hon. Edwards.
 1857 Pyne, Percy R. (L. F.)
 1859 Purser, George H.
 1859 Prime, Fred'k E. (L. F.)
 1862 Phillips, George W.
 1868 Powers, William P.
 1868 Paulison, John P.
 1871 Peabody, Hon. Charles A.
 1872 Parish, Henry.
 1874 Peabody, Arthur J.
 1874 Penfold, William Hall.
 1874 Phelps, I. N.
 1874 Potter, Hon. Orlando B.
 1874 Pondir, John.
 1874 Paris, Sherman.
 1874 Porter, John K.
 1874 Packer, Elisha A.
 1874 Powers, George J.
 1874 Pellew, Henry E.
 1874 Prichard, William M.
 1875 Prentice, W. P.
 1875 Pfund, Anton.
 1875 Porter, Gen. Horace.
 1876 Plum, James R.
 1878 Parsons, Edwin.
 1880 Pinchot, James W.
 1880 Powell, Wilson M.
 1881 Post, Charles A.
 1882 Parsons, Wm. (L. F.)
 1882 Parsons, Wm. Barclay.
 1882 Pallen, Montrose A., M.D.
 1882 Perkins, C. Lawrence.
 1882 Parrish, James C. (L. F.)
 1882 Pell, Wm. Cruger.
 1882 Parsons, Joseph H.
 1882 Percival, James H.
 1882 Parsons, Samuel.
 1882 Paton, John.
 1882 Platt, Thos. C.
 1882 Peck, Walter J.
 1882 Parsons, John E.
 1882 Parsons, Charles.
 1882 Peck, Charles M.
 1882 Phillips, Charles H.
 1882 Parsons, Mrs. E. (L. F.)
 1883 Parks, Robert H.
 1884 Post, George B.
 1884 Place, George.

1884 Purdy, John F.
 1884 Plush, Dr. Samuel M. (L. F.)
 1885 Post, Wm. Henry. (L. F.)
 1885 Parker, George A.
 1885 Planten, J. R. (L. F.)
 1885 Pell, Charles E.
 1886 Phoenix, Phillips.
 1886 Pearson, H. G.
 1886 Pearsall, T. W.
 1886 Prier, Chas.
 1886 Pings, Geo. H.
 1886 Peckham, W. G.
 1886 Purrington, W. A.
 1886 Parris, Edward L.
 1882 Quackenbos, Dr. Henry F.
 1883 Quackenbos, John D., M.D.
 1883 Quinlin, Leonard G.
 1883 Quinby, J. R.
 1854 Rutherford, L. M.
 1856 Randolph, Anson D. F.
 1856 Remsen, William. (L. F.)
 1856 Riker, John H.
 1859 Rapallo, Hon. Charles A.
 1861 Rogers, C. B. (L. F.)
 1868 Raven, Anton A. (L. F.)
 1868 Rose, Cornelius.
 1872 Robbins, Chandler. (L. F.)
 1874 Reid, Whitelaw.
 1874 Richard, Auguste. (L. F.)
 1874 Rogers, H. Livingston.
 1874 Riker, William J.
 1874 Reynes, Jaime.
 1874 Rhoades, John H.
 1874 Rhoades, Lyman.
 1875 Roosevelt, Clinton.
 1875 Rives, G. L.
 1875 Read, Gen. Meredith. (L. F.)
 1875 Rose, Charles.
 1875 Rosenfeld, Isaac.
 1876 Ross, William B.
 1877 Rose, Theodore.
 1877 Rice, A. Thorndike.
 1878 Roorback, Orville A.
 1878 Rainey, Thomas, M.D.
 1879 Redmond, James Morton.
 1879 Rhinelander, Miss J. (L. F.)
 1880 Robinson, Mrs. John A. (L. F.)
 1881 Randolph, J. C. F.
 1881 Robbins, George A.
 1881 Rhinelander, Frederick W.
 1882 Rinehart, E.
 1882 Ray, James D.
 1882 Robbins, S. H.
 1882 Redding, W. E.
 1882 Riddle, Wm. Q.
 1882 Rolston, Roswell G.
 1882 Rhinelander, Charles E.
 1882 Rathborne, C. L.
 1883 Rosenbaum, Albert S.
 1883 Richardson, Briton.
 1883 Rowland, Thomas F. (L. F.)
 1885 Rudkin, Wm. Henry.
 1885 Rowland, George.
 1886 Rockwood, C. G., Jr.
 1886 Raymond, R. W.
 1886 Roys, Geo. B.
 1886 Rice, Isaac L. (L. F.)
 1886 Ransom, Rastus S.
 1886 Rogers, Belden J.
 1856 Spofford, Paul N.
 1856 Schermerhorn, Wm. C.
 1856 Sherman, W. Watts.
 1859 Schultz, John II. (L. F.)
 1860 Stout, Francis A. (L. F.)
 1869 Savage, John. (L. F.)
 1869 Strebeigh, Robert M.
 1870 Sherwood, John.
 1870 Schafer, Samuel M.
 1870 Schafer, Simon.
 1870 Seligman, James.
 1870 Seligman, Jesse.
 1871 Shaler, Gen. Alexander.
 1871 Swan, William H.
 1872 Stern, Myer.
 1872 Stengel, Prof. Frederick.
 1872 Steiger, E.
 1872 Stuyvesant, Rutherford. (L. F.)

1873 Sturges, Frederick.
 1873 Spencer, James C.
 1873 Scott, Julian. (L. F.)
 1873 Southworth, Alvan S. (L. F.)
 1873 Sturgis, Frank K. (L. F.)
 1874 Sands, Henry M.
 1874 Steinway, William.
 1874 Sands, Philip J.
 1874 Smith, Daniel Drake.
 1874 Sloan, Samuel.
 1874 Schermerhorn, F. Augustus.
 1874 Stuyvesant, Robert R.
 1874 Scudder, Henry J.
 1874 Stuart, Joseph.
 1874 Strong, W. L. (L. F.)
 1874 Steward, D. Jackson.
 1874 Shethar, Samuel.
 1874 Schieffelin, Samuel B.
 1874 Stiger, William E.
 1874 Stillwell, Benjamin M.
 1874 Sawyer, Warren.
 1874 Sands, Andrew H.
 1874 Schaus, William.
 1874 Spinney, Joseph S.
 1874 Sewell, Robert.
 1874 Striker, J. A.
 1875 Stanford, William H.
 1875 Smith, Lewis Bayard.
 1875 Sturges, Henry C.
 1875 Schultz, Carl H.
 1875 Sandford, Elliott. (L. F.)
 1875 Stranahan, J. S. T.
 1875 Schieffelin, H. Maunsell.
 1875 Sibley, Gen. Henry H., U.S.A.
 1875 Schiff, Jacob H. (L. F.)
 1875 Smith, Augustine.
 1876 Smith, Harsen H.
 1876 Sibley, Hiram W.
 1876 Spaulding, Henry F.
 1876 Stryker, Gen. William S.
 1876 Stone, A. B.
 1877 Shearman, William P.
 1877 Sanford, Gen. Henry S.
 1877 Sanger, Major Joseph P., U.S.A.
 1877 Schaff, Rev. Philip, D.D.
 1877 Schuyler, Philip.
 1878 Scott, James.
 1878 Stewart, William Rhinelander.
 1878 Sanford, A. Wright.
 1878 Sands, William R.
 1878 Smith, S. Newton.
 1878 Sabla, Theodore de Joly de.
 1879 Stone, R. C.
 1879 Speir, Francis, Jr.
 1879 Stevens, Frederick W. (L. F.)
 1879 Smith, E. Reul. (L. F.)
 1879 Shields, Prof. Charles W.
 1879 Stetson, Francis Lynde.
 1879 Squires, Grant.
 1880 Southwick, Henry K.
 1880 Suydam, John R., Jr.
 1880 Stark, L. J. N.
 1881 Stone, Joseph F.
 1882 Sass, Dr. Louis F.
 1882 Schuyler, Spencer D. (L. F.)
 1882 Samson, Felix.
 1882 Sayre, Lewis A., M.D. (L. F.)
 1882 Speir, Archibald W.
 1882 Scott, George S.
 1882 Skidmore, Wm. L.
 1882 St. John, W. P.
 1882 Scribner, Charles.
 1883 Schermerhorn, Charles A.
 1883 Strout, A. P.
 1883 Simpson, George E.
 1883 Stone, Sumner R.
 1883 Sinclair, John. (L. F.)
 1883 Spence, Lewis H.
 1883 Smith, William Alex.
 1883 Smith, Henry N.
 1883 Stern, Louis.
 1883 Schwenniger, Rev. Anton B.
 1883 Sanger, Wm. Cary.
 1883 Steers, James R., Jr.
 1883 Scott, Rufus L.
 1883 Sorzano, Julio F.
 1883 Stout, Joseph S.
 1883 Spicer, Elihu, Jr. (L. F.)
 1884 Schley, J. Montfort, M.D.
 1884 Schwatka, F.

1884 Shannon, Robert H.
1884 Stokes, James.
1885 Storer, Albert.
1885 Sturgis, Russell.
1885 Sachs, Julius.
1885 Slote, Henry L.
1885 Stanton, S. Franklin.
1885 Storm, Walton.
1885 Schmelzel, Wm. R.
1886 Stevens, Rev. C. Ellis.
1886 Sherman, Prof. O. T.
1886 Sherman, George.
1886 Schuyler, Geo. L.
1886 Sandford, Lieut. James C., U.S.A.
1886 Starr, Egbert.
1886 Satterlee, F. Le Roy, M.D.
1886 Sturgis, F. R., M.D.
1886 Smith, Edwin B.

1856 Tiffany, Charles L.
1856 Townsend, Randolph W.
1868 Taylor, Douglas.
1868 Tilden, Hon. Samuel J.
1870 Tuckerman, Lucius.
1870 Thompson, James.
1872 Tower, Gen. Z. B., U.S.A.
1874 Thompson, David G. (L. F.)
1874 Tiemann, Peter C.
1874 Tefft, Erastus T.
1874 Trevor, John B.
1874 Taylor, Alfred J.
1874 Turner, Herbert B.
1875 Taintor, Charles M.
1875 Terry, Gen. Alfred H., U.S.A.
1875 Toel, William.
1875 Terbell, Henry S.
1876 Totten, Lieut. George Mansfield,
 U.S.N.
1876 Terry, Rev. Roderick.
1877 Tillinghast, William H.
1878 Talcott, James. (L. F.)
1879 Thomson, J. P.
1879 Turnbull, Robert J.
1880 Tailer, William H.
1881 Thompson, R. H.

1882 Thurber, H. K.
1882 Taber, Henry M. (L. F.)
1882 Thomson, Eugene.
1882 Tailer, Edward N. (L. F.)
1882 Terry, John T. (L. F.)
1882 Taintor, Giles E.
1883 Twombly, Hamilton McK.
1883 Tutt, W. H., M.D.
1883 Trumbull, Rev. H. Clay, D.D.
1883 Thalmann, Ernest.
1883 Terry, Edmund.
1884 Taltaval, Wm. A.
1884 Turner, J. Spencer.
1884 Thoron, Joseph.
1885 Tone, T. Wolfe.
1885 Tiffany, Rev. C. C.
1885 Turnure, Lawrence.
1886 Thorne, Jonathan.

1884 Utter, Dr. Francis A.

1854 Viele, Gen. Egbert L.
1868 Van Santvoord, C.
1869 Vanderpoel, Aaron J.
1870 Van Brunt, Hon. Charles H.
 (L. F.)
1874 Van Rensselaer, Kiliaen.
1875 Vance, Samuel B. H.
1875 Van Buren, John D.
1875 Valentine, Lawson.
1875 Von Post, H. C. (L. F.)
1875 Vanderpoel, A. Ernest.
1876 Van Hoesen, Hon. George M.
1876 Van Brunt, Cornelius.
1877 Vanderbilt, Cornelius.
1878 Vanderbilt, William K. (L. F.)
1880 Von Hesse, Christian.
1880 Van Alen, Gen. James H.
1881 Vantine, A. A.
1882 Vail, M. M.
1883 Valentine, Daniel K.
1883 Van Sinderen, Adrian.
1884 Van Siclen, Geo. W.
1885 Valentine, Henry C.
1886 Valenzuela, Enrique.

1854 Webb, William H.	1881 Wilson, James.
1854 Withaus, G. H. (L. F.)	1881 Wilson, John.
1859 Ward, George Cabot. (L. F.)	1881 Whitehouse, Frederic Cope.
1866 Wendell, Jacob.	1882 Welch, Uriah.
1868 White, Alexander M.	1882 Watson, Frederick.
1869 Weber, Leonard, M.D.	1882 Wadsworth, John H.
1870 Webster, Sidney.	1882 Willis, Hon. Benjamin A. (L. F.)
1870 Wilson, Gen. Jas. Grant. (L. F.)	1882 Waddingham, Wilson. (L. F.)
1870 Wright, E. Kellogg.	1882 Williams, Francis W.
1870 Ward, T. W.	1882 Williams, John L.
1872 Wetmore, Wm. Boerum. (L. F.)	1882 Williams, David. (L. F.)
1872 Williams, Stephen C. (L. F.)	1882 Winthrop, Robert. (L. F.)
1872 Wells, Jacob.	1882 Wheeler, Ezra.
1873 Wiener, Joseph, M.D. (L. F.)	1883 Wilson, Richard T.
1874 Weyman, Charles S.	1883 Wilson, Theodore.
1874 Waite, Chief-Justice M. R.	1884 Wheelwright, Wm. D.
1874 Wheeler, Everett P.	1884 Watson, George H. (L. F.)
1874 Wadsworth, Julius.	1884 Wood, Wm. H. S.
1874 Wetmore, Hon. George P. (L. F.)	1884 Wolcott, Joseph C.
1874 Wilder, Hon. Marshall P.	1886 Wright, Wm. Phillips.
1874 Walraven, Ira E.	1886 Walsh, Richard M. L.
1875 Work, J. Henry.	1886 White, S. V. (L. F.)
1875 Wheeler, John V.	1886 Wiman, Erastus.
1875 White, Charles Trumbull.	1886 Walker, John A.
1875 Wilcox, Franklin A.	1886 Willets, Edward B.
1875 White, David.	1886 Whitehouse, J. H.
1875 Winslow, Gen. Edward F.	1886 White, Horace.
1875 Whitehead, Comdr. Wm., U.S.N.	1886 Wales, Salem H.
1875 White, Loomis L.	1886 Watson, Wm. P.
1876 Wedemeyer, A. J. D.	1886 Ward, John E.
1877 Ward, W. S.	1874 Young, Mason.
1877 Waters, James T.	1875 Zollikoffer, Oscar.
1877 Woodruff, Col. D., U.S.A.	1884 Zabriskie, Andrew C. (L. F.)
1878 Whitehead, Henry M.	1886 Zucker, Alfred.
1878 Whittemore, Charles.	
1879 Watson, Francis A. (L. F.)	
1879 Wolfe, Miss Catherine. (L. F.)	

FELLOWS DECEASED, 1886.

Arnold, Richard.	Dennis, Charles.
Ceballos, J. M.	Evans, Walton W.
Coddington, Thomas B.	Forsyth, Rev. John.
Crocker, Wm. Baylies.	Fox, Baldwin, N.

Hancock, Gen. W. S.	Rose, Theodore.
Hawkins, Dexter A.	Scudder, Henry J.
Hoadley, John C.	Stone, Joseph F.
Hoe, Richard M.	Tilden, Hon. S. J.
Learned, Edward.	Van Alen, Gen. James H.
Lorillard, George L.	Wilder, Hon. Marshall P.
McClure, George.	Willis, Hon. Benjamin A.
Redmond, James Morton.	

CORRESPONDING MEMBERS DECEASED, 1886.

Bartlett, John Russell.	Seymour, Hon. Horatio.
Pim, Capt. Bedford.	Stevens, Henry, LL.D.

List of Foreign and Domestic Geographical and other Scientific Bodies with which this Society is in Communication and Constant Exchange of Publications.

ARGENTINE REPUBLIC :

Academia Nacional de Ciencias, Córdoba.
Instituto Geográfico Argentino, Buenos-Aires.
Instituto Histórico-Geográfico del Rio de la Plata, Buenos-Aires
Sociedad Científica Argentina, Buenos-Aires.

AUSTRALIA :

Department of Mines, Sydney, N. S. W.
Linnean Society of New South Wales, Sydney, N. S. W.
Royal Society of New South Wales, Sydney, N. S. W.
Royal Society of Queensland, Brisbane, Queensland.
Melbourne Observatory, Melbourne, Victoria.
Royal Society of Victoria, Melbourne, Victoria.

AUSTRIA :

Ferdinandeum, Innsbruck.
Gesellschaft der Wissenschaften, Prague.
K. K. Akademie der Wissenschaften, Vienna.
K. K. Geographische Gesellschaft, Vienna.
K. K. Geolog. Reichsanstalt, Vienna.
K. K. Naturhist : Hofmuseum, Vienna.

BELGIUM :

Société Belge de Géographie, Antwerp.
Académie Royale de Belgique, Brussels.
Institut National de Géographie, Brussels.
Le Mouvement Géographique, Brussels.
Société Royale Belge de Géographie, Brussels.

BRAZIL :

Biblioteca Nacional, Rio de Janeiro.
 Instituto Historico, Geographico, e Ethnographico do Brazil, Rio de Janeiro.
 Museu Nacional, Rio de Janeiro.
 Observatorio, Rio de Janeiro.
 Secção da Sociedade de Geographia de Lisboa no Brazil, Rio de Janeiro.
 Sociedade de Geographia, Rio de Janeiro.

CALIFORNIA :

Academy of Sciences, San Francisco.
 Geographical Society of the Pacific, San Francisco.
 Mercantile Library Association, San Francisco.
 State Agricultural Society, Sacramento.

CANADA :

Hamilton Association, Hamilton, Ontario.
 Geological and Natural History Survey of Canada, Ottawa.
 Royal Society of Canada, Ottawa.
 Geographical Society, Quebec.
 Literary and Historical Society of Quebec.
 Canadian Institute, Toronto.

CHILI :

Der Deutsche Wissenschaftliche Verein, Santiago.
 Observatorio Astronómico, Santiago.
 Oficina Central de Estadística, Santiago.

CHINA :

China Branch of the Royal Asiatic Society, Shanghai.
 Statistical Department, Inspectorate-General Imp. Maritime Customs
 Shanghai.

CONNECTICUT :

Connecticut Academy of Arts and Sciences, New Haven.
 Library of Yale College, New Haven.

DENMARK :

Royal Danish Academy of Sciences, Copenhagen.
 Royal Danish Geographical Society, Copenhagen
 Society of Northern Antiquaries, Copenhagen.

DISTRICT OF COLUMBIA :

Philosophical Society, Washington.
 Smithsonian Institution, Washington.

EGYPT :

Société Khédiviale de Géographie, Cairo.

ENGLAND :

Royal Cornwall Polytechnic Society, Falmouth.
 Literary and Philosophical Society, Liverpool.
 British Association for the Advancement of Science, London.
 Royal Asiatic Society, London.
 Royal Geographical Society, London.

Royal Society, London.
Statistical Society, London.
Victoria Institute, London.
Literary and Philosophical Society, Manchester.
Manchester Geographical Society, Manchester.
Statistical Society, Manchester.
Royal Geological Society, Penzance.
Yorkshire Philosophical Society, York.

FRANCE :

Société Académique de Maine-et-Loire, Angers.
Société de Géographie Commerciale, Bordeaux.
Société des Sciences Naturelles, Cherbourg.
Union Géographique du Nord de la France, Douai.
Société de Géographie Commerciale, Havre.
Société de Géographie, Lyons.
Société de Géographie, Lille.
Société de Géographie, Marseilles.
Société Langueudocienne de Géographie, Montpellier.
Revue de Géographie, Paris.
Société de Géographie, Paris.
Société de Géographie Commerciale, Paris.
Société de Géographie, Rochefort.
Société Normande de Géographie, Rouen.
Société de Géographie, Saint-Nazaire.
Société Académique Franco-Hispano-Portugaise, Toulouse.
Société de Géographie, Toulouse.
Société de Géographie, Tours.
Société Polymathique du Morbihan, Vannes.

GERMANY :

Afrikanische Gesellschaft, Berlin.
Anthropologische Gesellschaft, Berlin.
Deutscher Kolonialverein, Berlin.
Gesellschaft für allgem. Erdkunde, Berlin.
Gesellschaft für Erdkunde, Berlin.
Geographische Gesellschaft, Bremen.
Geographische Gesellschaft, Carlsruhe.
Verein für Erdkunde, Darmstadt.
Isis, Dresden.
Verein für Erdkunde, Dresden.
Naturforschende Gesellschaft, Emden.
Physikal. Verein, Frankfurt-a-M.
Verein für Geog. und Statistik, Frankfurt-a-M.
Naturforschende Gesellschaft, Görlitz.
K. Gesellschaft der Wissenschaften, Göttingen.
Geographische Gesellschaft, Greifswald.

Verein für Erdkunde, Halle-a-S.
 Geographische Gesellschaft, Hamburg.
 Geographische Gesellschaft, Hanover.
 Geographische Gesellschaft, Jena.
 Naturwiss. Verein für Schleswig-Holstein, Kiel.
 K. Gesellschaft der Wissenschaften, Leipzig.
 Verein für Erdkunde, Leipzig, Germany.
 Geographische Gesellschaft, Lübeck.
 Verein für Erdkunde, Metz.
 Akademie der Wissenschaften, Munich.
 Geographische Gesellschaft, Munich.
 Verein für Handelsgeographie, Stuttgart.
 Verein für Vaterländ. Naturkunde, Stuttgart.
 Verein für Naturkunde, Wiesbaden.

HUNGARY :

Gewerbeschule, Bistritz.
 Hungarian Academy of Sciences, Buda-Pesth.
 Hungarian Geog. Society, Buda-Pesth.
 Royal Hungarian University, Buda-Pesth.
 Verein für Siebenbürg. Landeskunde, Hermannstadt.

INDIA :

Geographical Society, Bombay.

INDIANA :

Brookville Society of Natural History, Brookville.

IOWA :

Academy of Natural Sciences, Davenport.
 Historical Society, Iowa City.

IRELAND :

Natural History and Philosophical Society, Belfast.
 Royal Dublin Society, Dublin.

ITALY :

Sez. Fiorentina della Società Africana, Florence.
 Società d'Esplorazione Commerciale, Milan.
 Società Africana d'Italia, Naples.
 Biblioteca Nazionale Centrale Vittorio Emanuele, Rome.
 Società Geografica Italiana, Rome.
 Circolo Geografico Italiano, Turin.
 Società di Geog. ed Etnografia, Turin.

JAPAN :

Asiatic Society, Yokohama.
 Geographical Society, Tokio.
 Seismological Society, Tokio.

JAVA :

Bataviaasch Genootschap van Kunsten en Wetenschappen, Batavia.

MARYLAND :

Naval Institute, Annapolis.

MASSACHUSETTS :

Appalachian Mountain Club, Boston.
Boston Society of Natural Sciences, Boston.
Peabody Museum, Cambridge.
American Association for the Advancement of Science, Salem.
Essex Institute, Salem.
Peabody Academy of Science, Salem.
American Antiquarian Society, Worcester.
Society of Antiquity, Worcester.

MEXICO :

Museo Nacional, Mexico.
Observatorio Meteorol. Magn. Central, Mexico.
Sociedad Mexicana de Geografia y Estadística, Mexico.

MICHIGAN :

American Meteorological Journal, Ann Arbor.

MINNESOTA :

Academy of Natural Sciences, Minneapolis.

MISSOURI :

Academy of Sciences, St. Louis.

NEBRASKA :

State Historical Society, Lincoln.

NETHERLANDS :

Aardrijks. Genootschap, Amsterdam.
Revue Coloniale Internationale, Amsterdam.
K. Instituut voor de Taal- L- en V-van Nederlandsch-Indië, The Hague.
Nederlandsch Meteor. Instituut, Utrecht.

NEW YORK :

State Museum of Natural History, Albany.
Long Island Historical Society, Brooklyn.
Society of Natural Sciences, Buffalo.
Academy of Sciences, New York.
New York Historical Society, New York.
New York Linnean Society, New York.
Vassar Brothers Institute, Poughkeepsie.
Oneida Historical Society, Utica.

NEW ZEALAND :

The Institute, Wellington.

NORWAY :

Royal University, Christiania.

OHIO :

Cincinnati Society of Natural History, Cincinnati.
Western Reserve and Northern Ohio Historical Society, Cleveland.

PENNSYLVANIA :

Academy of Natural Sciences, Philadelphia.
Second Geological Survey of Pennsylvania, Philadelphia.

American Naturalist, Philadelphia.

Historical and Geological Society of Wyoming, Wilkesbarre.

PORTUGAL :

Academia Real das Sciencias, Lisbon.

Comissão Central Permanente de Geographia, Lisbon.

Sociedade de Geographia, Lisbon.

Sociedade de Geog. Comm. do Porto, Oporto.

ROUMANIA :

Societatea Geog. Română, Bucharest.

RUSSIA :

Société des Naturalistes de la Nouvelle Russie, Odessa.

Orenburg Section of the Imp. Russ. Geog. Society, Orenburg.

Imperial Russian Geographical Society, St. Petersburg.

Caucasian Section of the Imp. Russ. Geog. Society, Tiflis.

SCOTLAND :

Geological Society, Edinburgh.

Royal Society, Edinburgh.

Scottish Geographical Society, Edinburgh.

Philosophical Society, Glasgow.

SPAIN :

Asociacion Euskara, Madrid.

Sociedad Española de Geografia Comercial, Madrid.

Sociedad Geográfica, Madrid.

Real Academia Española Arqueológica y Geográfica, Madrid.

SWEDEN :

Society for Anthropology and Geography, Stockholm.

Société Entomologique, Stockholm.

Société Royale des Sciences, Upsal.

University of Lund, Lund.

SWITZERLAND :

Hist. und Antiq. Gesellschaft, Basle.

Geographische Gesellschaft, Berne.

Institut Géographique International, Berne.

Société de Géographie, Geneva.

Société Suisse de Topographie, Geneva.

Geog. Comm. Gesellschaft, St. Gall.

Antiquarische Gesellschaft, Zurich.

WISCONSIN :

State Historical Society, Madison.

P A R T I.

TRANSACTIONS
OF THE
SOCIETY FOR THE YEAR 1886.

P A R T I I.

PAPERS READ
BEFORE
THE SOCIETY DURING 1886.

Note.—THE AUTHORS ALONE ARE RESPONSIBLE FOR THE CONTENTS OF
THEIR RESPECTIVE PAPERS.